

Refine Search

Search Results -

| Terms | Documents |
|------------------|-----------|
| L27 and cardio\$ | 6 |

Database:

US Pre-Grant Publication Full-Text Database
 US Patents Full-Text Database
 US OCR Full-Text Database
 EPO Abstracts Database
 JPO Abstracts Database
 Derwent World Patents Index
 IBM Technical Disclosure Bulletins

Search:

L28

Refine Search

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Clear

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Search History

DATE: Tuesday, May 24, 2005 [Printable Copy](#) [Create Case](#)

Set Name Query
side by side

Hit Count Set Name
result set

DB=USPT,USOC,EPAB,JPAB,DWPI; PLUR=YES; OP=ADJ

L28 L27 and cardio\$ 6 L28

L27 (betaine\$)near5 (treat\$) 195 L27

DB=JPAB; PLUR=YES; OP=ADJ

L26 JP-3072858-B2.did. 0 L26

DB=USPT,USOC,EPAB,JPAB,DWPI; PLUR=YES; OP=ADJ

L25 (betaine\$)near10 (cardio\$) 18 L25

L24 19 near10 112 10 L24

L23 19 same 112 24 L23

L22 6054128.pn. and betaine 0 L22

L21 6054128.pn. and vitamin 2 L21

L20 L19 and vitamin b12 1 L20

L19 6054128.pn. 2 L19

L18 6054128.pn. and vitamin b12 1 L18

DB=USPT; PLUR=YES; OP=ADJ

| | | | |
|--|--------------------------------------|-------|------------|
| <u>L17</u> | US-6054128-A.did. | 1 | <u>L17</u> |
| <u>L16</u> | US-6551629-B1.did. | 1 | <u>L16</u> |
| <i>DB=USPT,USOC,EPAB,JPAB,DWPI; PLUR=YES; OP=ADJ</i> | | | |
| <u>L15</u> | L14 near10 l9 | 11 | <u>L15</u> |
| <u>L14</u> | vitamin b12 | 3577 | <u>L14</u> |
| <u>L13</u> | l9 near10 l10 | 6 | <u>L13</u> |
| <u>L12</u> | betaine | 19100 | <u>L12</u> |
| <u>L11</u> | pyridoxine | 4826 | <u>L11</u> |
| <u>L10</u> | cobalamin | 695 | <u>L10</u> |
| <u>L9</u> | cardiovascular | 52378 | <u>L9</u> |
| <u>L8</u> | casomokinin | 3 | <u>L8</u> |
| <u>L7</u> | casein near1 A Near2 2 | 3 | <u>L7</u> |
| <u>L6</u> | casein A Near2 2 | 0 | <u>L6</u> |
| <u>L5</u> | beta casein A | 2 | <u>L5</u> |
| <u>L4</u> | beta casein | 546 | <u>L4</u> |
| <u>L3</u> | casein A2 | 7 | <u>L3</u> |
| <u>L2</u> | (casomorphine or casomorphin)near3 9 | 0 | <u>L2</u> |
| <u>L1</u> | (casomorphine or casomorphin) | 91 | <u>L1</u> |

END OF SEARCH HISTORY

Refine Search

Search Results -

| Terms | Documents |
|------------------------|-----------|
| casein near1 A Near2 2 | 3 |

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Search:

L7

Refine Search

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Set Name Query
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DB=USPT,USOC,EPAB,JPAB,DWPI; PLUR=YES; OP=ADJ

| | | | |
|-----------|--------------------------------------|-----|-----------|
| <u>L7</u> | casein near1 A Near2 2 | 3 | <u>L7</u> |
| <u>L6</u> | casein A Near2 2 | 0 | <u>L6</u> |
| <u>L5</u> | beta casein A | 2 | <u>L5</u> |
| <u>L4</u> | beta casein | 546 | <u>L4</u> |
| <u>L3</u> | casein A2 | 7 | <u>L3</u> |
| <u>L2</u> | (casomorphine or casomorphin)near3 9 | 0 | <u>L2</u> |
| <u>L1</u> | (casomorphine or casomorphin) | 91 | <u>L1</u> |

END OF SEARCH HISTORY

SWER 4 OF 8 CABA COPYRIGHT 2005 CABI on STN

ACCESSION NUMBER: 95:2501 CABA

DOCUMENT NUMBER: 19940405135

TITLE: Enzymatic release of pro-[beta]-**casomorphin**
-**9** and [beta]-**casomorphin**-
9 from bovine [beta]-casein

AUTHOR: Yoshikawa, M.; Suganuma, H.; Takahashi, M.;
Fukudome, S. I.; Chiba, H.; Brantl, V. [EDITOR];
Teschemacher, H. [EDITOR]

CORPORATE SOURCE: Department of Food Science and Technology, Kyoto
University, Kyoto 606-01, Japan.

SOURCE: [beta]-Casomorphins and related peptides: recent
developments, (1994) pp. 38-42. 10 ref.

Publisher: VCH Verlagsgesellschaft mbH. Weinheim
Meeting Info.: [beta]-Casomorphins and related
peptides: recent developments.

ISBN: 3-527-30038-4

PUB. COUNTRY: Germany, Federal Republic of

DOCUMENT TYPE: Conference Article

LANGUAGE: English

ENTRY DATE: Entered STN: 19950120

Last Updated on STN: 19950120

AB The following 2 peptides, which showed weak opioid activity in guineapig
ileum assay, were isolated from a thermolysin digest of bovine
[beta]-casein: pro-[His8]-[beta]-**casomorphin-9**
(sequence Val-Tyr-Pro-Phe-Pro-Gly-Pro-Ile-His-Asn); and pro-[Pro8]-[beta]-
casomorphin-9 (sequence Val-Tyr-Pro-Phe-Pro-Gly-Pro-Ile-
Pro-Asn). Opioid activity was increased to approximately that of
[beta]-casomorphin-7 by removal of the Val residue at the N-terminal end.
The [beta]-casomorphins and pro-[beta]-casomorphins, particularly
[His8]-[beta]-**casomorphin-9**, also showed inhibitory
activity for angiotensin-converting enzyme.

L2 ANSWER 5 OF 8 CAPLUS COPYRIGHT 2005 ACS on STN

ACCESSION NUMBER: 1995:351814 CAPLUS

DOCUMENT NUMBER: 122:129478

TITLE: Enzymic release of pro- β - **casomorphin-9** and β - **casomorphin-9**
from bovine β -casein

AUTHOR(S): Yoshikawa, M.; Suganuma, H.; Takahashi, M.; Fukudome, S. -I.; Chiba, H.

CORPORATE SOURCE: Department Food Science and Technology, Kyoto University, Chuo, 103, Japan

SOURCE: [Beta]-Casomorphins Relat. Pept. [Int. Symp.], 2nd (1994), 38-42

CODEN: 60UMAA

DOCUMENT TYPE: Conference

LANGUAGE: English

AB Two opioid peptides, Val-Tyr-Pro-Phe-Pro-Gly-Pro-Ile-His-Asn (pro-[His8]- β - **casomorphin-9**) and Val-Tyr-Pro-Phe-Pro-Gly-Pro-Ile-Pro-Asn (pro-[Pro8]- β - **casomorphin-9**), were isolated from a thermolysin digest of bovine β -casein. These peptides showed weak opioid activities in the guinea-pig ileum assay system. [His8]- β - **casomorphin-9** and [Pro8]-**casomorphin-9**, which were obtained by leucine-aminopeptidase treatment of pro- β -casomorphins-9, showed almost the same activity as β -casomorphin-7. These peptides also showed inhibitory activity for angiotensin-converting enzyme.

=> e casomorphin 9/cn

| | | |
|-----|-------|---------------------------|
| E1 | 1 | CASOMOKININ L/CN |
| E2 | 1 | CASOMORPHIN/CN |
| E3 | 0 --> | CASOMORPHIN 9/CN |
| E4 | 1 | CASOMORPHIN, PRO-/CN |
| E5 | 1 | CASOMORPHIN, PRO- (OX)/CN |
| E6 | 1 | CASOMORPHINASE/CN |
| E7 | 1 | CASORON/CN |
| E8 | 1 | CASORON 133/CN |
| E9 | 1 | CASORON G/CN |
| E10 | 1 | CASOXIN 4/CN |
| E11 | 1 | CASOXIN 5/CN |
| E12 | 1 | CASOXIN 6/CN |

=> e casein a2/cn

| | | |
|-----|-------|---|
| E1 | 1 | CASEIN A (GUINEA PIG REDUCED)/CN |
| E2 | 1 | CASEIN A, PRE- (GUINEA PIG REDUCED)/CN |
| E3 | 0 --> | CASEIN A2/CN |
| E4 | 1 | CASEIN ALPHA (MOUSE STRAIN C57BL/6J CLONE MGC:6596 IMAGE:3486384)/CN |
| E5 | 1 | CASEIN ALPHA (MOUSE STRAIN FVB/N CLONE MGC:6493 IMAGE:2647887)/CN |
| E6 | 1 | CASEIN ALPHA (MOUSE STRAIN MIX FVB/N, C57BL/6J CLONE MGC:6596 IMAGE:3486384)/CN |
| E7 | 1 | CASEIN B (GUINEA PIG)/CN |
| E8 | 1 | CASEIN B, PRE- (GUINEA PIG)/CN |
| E9 | 1 | CASEIN BETA (HUMAN CLONE MGC:96987 IMAGE:7262196 GENE CSN2)/CN |
| E10 | 1 | CASEIN BETA (MOUSE STRAIN C57BL/6J CLONE MGC:13709 IMAGE:3670912)/CN |
| E11 | 1 | CASEIN BETA (MOUSE STRAIN C57BL/6J CLONE MGC:29143 IMAGE:3483918)/CN |
| E12 | 1 | CASEIN BETA (MOUSE STRAIN MIX FVB/N, C57BL/6J CLONE MGC:13709 IMAGE:3670912)/CN |

=> e casomorphine 9/cn

| | | |
|-----|-------|---------------------------|
| E1 | 1 | CASOMORPHIN, PRO- (OX)/CN |
| E2 | 1 | CASOMORPHINASE/CN |
| E3 | 0 --> | CASOMORPHINE 9/CN |
| E4 | 1 | CASORON/CN |
| E5 | 1 | CASORON 133/CN |
| E6 | 1 | CASORON G/CN |
| E7 | 1 | CASOXIN 4/CN |
| E8 | 1 | CASOXIN 5/CN |
| E9 | 1 | CASOXIN 6/CN |
| E10 | 1 | CASOXIN C/CN |
| E11 | 1 | CASOXIN D/CN |
| E12 | 1 | CASP-1/CN |